

Work Order ID 96167-2

96167

Page 1

January-23-13 12:25:30 PM

Item ID: D412-705-017

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: N1 Gearbox Access Panel

Start Date: 1/21/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 2/08/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *MLJ*

Date: *13-01-24* Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D3255

Rev B

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD412-705-017

CHG001

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

Work Order ID 96167

96167

Page 2

Item ID: D412-705-017

Accept

N9000040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: N1 Gearbox Access Panel

Start Date: 1/21/13 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 2/08/13 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:

Run Start ***NR1***

QC: Date: SPC (Y/N): Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-705-017 Location: _____ PPP Rev: _____

(Handwritten initials)

(Stamp: DAS 06)

13/4/9

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

ML5 1304-09

MF

13-4-9

January-23-13 12:25:29 PM

Parent Item Name: N1 Gearbox Access Panel

Required Date: 2/08/13

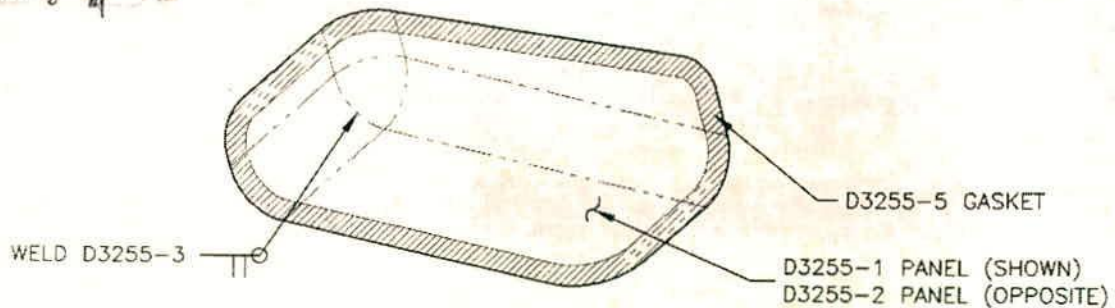
Required Qty: 1.00

Comments: IPP Rev:C Removed Manufacturing 06-08-02 JLM
IPP Rev:D ECN 1052 07-11-06 DD verified by: EC

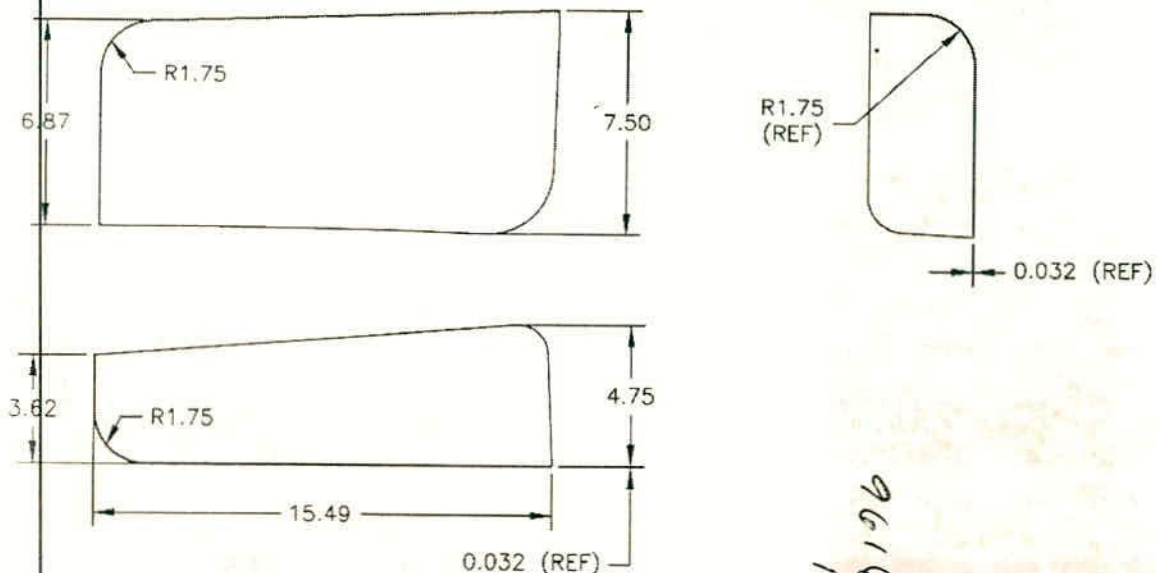
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C3A Bolt		Purchased	No			120	Each	726.0000	30	3060		SP	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST350		726							
					124028	726							
D3255-041 Access Panel Assembly		Manufactured	No			120	Each	0.0000	1				
D3255-042 Access Panel Assembly		Manufactured	No			120	Each	3.0000	1				
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST176		3							
					78830	1							
					92147	2							
MS20427M3-3 Rivet		Purchased	No			120	Each	3,885.0000	36	3672		SP	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST335		3885							
					123452	35							
					124231	3850							
MS21060-L3K Nut Plate		Purchased	No			120	Each	199.0000	18	1836		SP	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST316		199							
					124028	199							
MS9321-09 Washer		Purchased	No			120	Each	136.0000	30	3060		SP	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST291		136							
					119546	50							
					123525	86							

DART

DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3255	REV. B SHEET 1 OF 4
DATE 04.12.06		TITLE ACCESS PANEL ASSEMBLY	SCALE 1:6
A	04.01.27	NEW ISSUE	
B	04.12.06	D3255-3 REDESIGN; ADDED $\phi 0.098$	

RELEASED
05-01-18 #

D3255-041 ACCESS PANEL (SHOWN)
D3255-042 ACCESS PANEL (OPPOSITE)



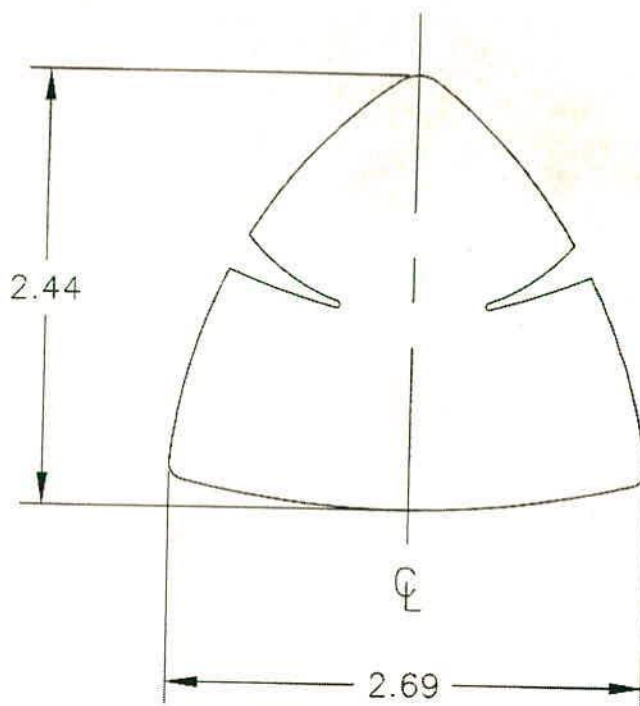
D3255-1 BEND DETAIL
D3255-2 OPPOSITE

D3255-041/-042 NOTES:

- 1) WELD PER DART QSI 004
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
- 3) INSTALL D3255-5 GASKET USING DOW CORNING P/N 736 ADHESIVE IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS
- 4) IDENTIFY WITH P/N & B/N USING FINE POINT PERMANENT MARKER

DART

DESIGN JF	DRAWN BY JF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED JP	APPROVED [Signature]	DRAWING NO. D3255	REV. B SHEET 2 OF 4
DATE 04.12.06		TITLE TITLE	SCALE 1:1

RELEASED
05.01.08 [Signature]

D3255-3 CAP
FORM TO FIT D3155-1/-2

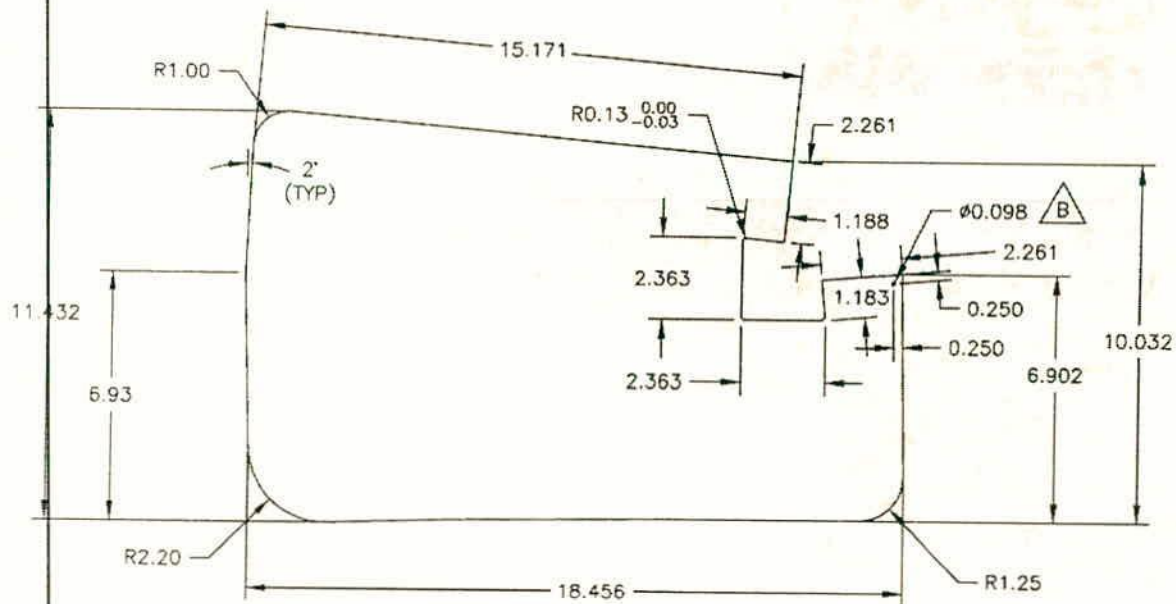
D3255-3 NOTES:

- 1) MATERIAL: AISI 304/316 SS 0.032 THICK (REF. M304S22GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 6) MAKE PER DRAWING "D3255-B2.DWG"

96107

DART

DESIGN TF	DRAWN BY TF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED ip	APPROVED [Signature]	DRAWING NO. D3255	REV. B SHEET 3 OF 4
DATE 04.12.06		TITLE ACCESS PANEL ASSEMBLY	SCALE 1:5

RELEASED
DS 0118 [Signature]**D3255-1/-2 FLAT PATTERN****D3255-1/-2 NOTES:**

- 1) MATERIAL: AISI 304/316 SS 0.032 THICK (REF. M304S22GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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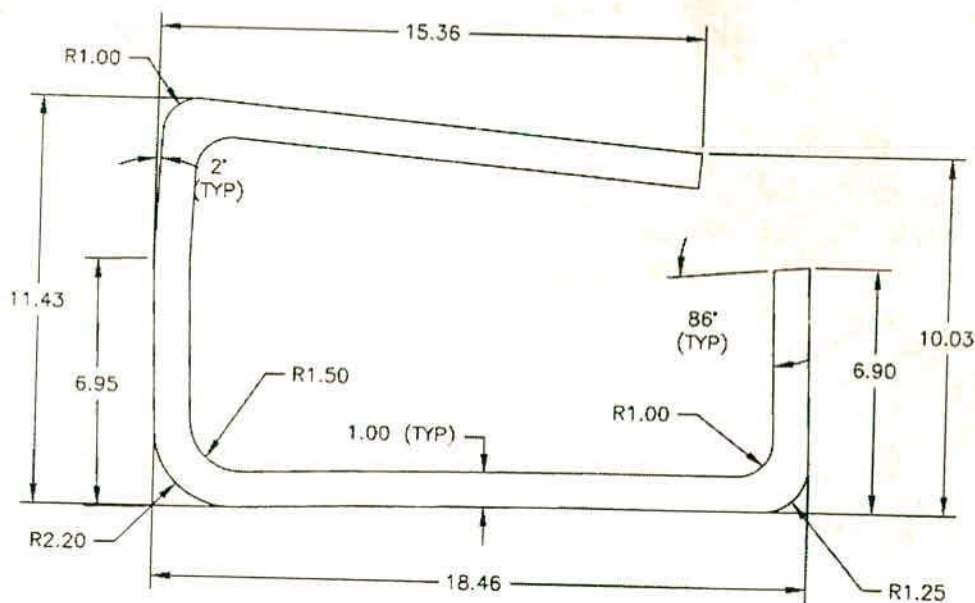
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96167

DART

DESIGN JF	DRAWN BY JF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LP	APPROVED JF	DRAWING NO. D3255	REV. B SHEET 4 OF 4
DATE 04.12.06		TITLE ACCESS PANEL ASSEMBLY	SCALE 1:5

RELEASED
05 01 18 #



D3255-5 GASKET

D3255-5 NOTES:

- 1) MATERIAL: SILICONE COATED FIBERGLASS CLOTH PER AMS 3320F
P/N SIL/F 36x36x1/16
POSSIBLE SUPPLIER: AVIAL
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES

96167

5.0 PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -017	Qty -019	Qty -021	Qty -023	Part Number	Description
X							D412-705-011	TWIN PAK E-Z ACCESS KIT
1	X						D412-705-013	INTAKE PLENUM ACCESS PANEL KIT
1		X					D412-705-015	DRIVESHAFT TUNNEL MODIFICATION KIT
1			X				D412-705-017	N1 GEARBOX ACCESS PANEL KIT
1				X			D412-705-019	C-BOX OIL COOLER LINE SUPPORT ACCESS KIT
1					X		D412-705-021	OIL PRESSURE TRANSMITTER ACCESS KIT
1						X	D412-705-023	OIL COOLER SUPPORT REMOVABLE LOWER PANEL KIT
	1						D3245-041	ACCESS PANEL ASSEMBLY, LH
	1						D3245-042	ACCESS PANEL ASSEMBLY, RH
	2						D3245-043	DOOR ASSEMBLY
	2						D3245-9	GASKET
	2						D3245-11	GASKET
	2						D3245-13	GASKET
			1				D3255-041	ACCESS PANEL ASSEMBLY, LH
			1				D3255-042	ACCESS PANEL ASSEMBLY, RH
		1					D3256-1	ACCESS PANEL
		1					D3256-3	GASKET
				1			D3259-041	ACCESS PANEL ASSEMBLY, LH
				1			D3259-042	ACCESS PANEL ASSEMBLY, RH
					1		D3307-041	ACCESS PANEL ASSEMBLY
						30	AN3-3A	BOLT
		22	30		6		AN3C-3A	BOLT
		3					AN3C-4A	BOLT
						30	AN960JD10	WASHER
	16	44	36		12		MS20427M3-3	RIVET
						2	MS21051-L3K	NUT PLATE
	8	22	18		6		MS21060-L3K	NUT PLATE
						18	MS21069-L3K	NUT PLATE
		25	30		6		MS9321-09	WASHER

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Revision: C

Date: 07.10.12